

It is claimed:

1. A method of producing vegetation water from olives, said vegetation water containing oleuropein substantially free of monophenolic compounds from olive pits,
5 comprising
separating olive pits from olives to obtain a pitless olive pulp;
pressing the pitless olive pulp to obtain a liquid-phase mixture including water, oil, and olive pulp components;
separating the water component from the oil and olive pulp components of the
10 liquid-phase mixture to obtain a water component substantially free of oil and olive pulp;
collecting the separated water component.
2. The method of claim 1, further comprising
removing moisture from the water component to obtain an increased concentration
15 of oleuropein.
3. The method of claim 1, further comprising
drying the separated water component to obtain a powder containing oleuropein.
- 20 4. The method of claim 3, further comprising
encapsulating the powder containing oleuropein into a gelatin capsule.
5. A composition prepared according to the method of claim 3 which
comprises oleuropein substantially free of monophenolic compounds from olive pits.
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6. A method for obtaining oleuropein from olives, substantially free of monophenolic compounds from olive pits, which comprises
separating olive pits from olives to obtain a pitless olive pulp;
extracting the pitless olive pulp with an aqueous or aqueous-alcoholic solvent to
30 produce a crude mixture of polyphenolic compounds in the extract;
removing the solvent from the extract.
7. The method of claim 6 further comprising
chromatographing the extract on a column; and

collecting fractions from the column, which contain oleuropein.

8. A dietary supplement, comprising
extract of olives containing oleuropein substantially free of monophenolic
5 compounds from olive pits.

9. The dietary supplement of claim 8, wherein said extract is an aqueous or
aqueous-alcoholic extract.

10. The dietary supplement of claim 9, wherein said extract has a reduced
10 moisture content to provide a concentrated liquid.

11. The dietary supplement of claim 9, wherein said extract is dried to provide a
powder.
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12. The dietary supplement of claim 11, wherein said extract is in the form of a
tablet, capsule, pill, or confection food additive.